

# Steven C. Myers, Ph.D.

Associate Professor of Economics  
Scholarship of Teaching, Assessment and Learning Fellow

Department of Economics  
The University of Akron  
Akron, Ohio 44325-1908  
E-mail: [myers@uakron.edu](mailto:myers@uakron.edu)  
Phone and FAX: (330) 972-7421  
<http://GoZips.uakron.edu/~myers>  
<http://learnecon.blogspot.com>  
<http://www.linkedin.com/in/stevenmyers>

Steven C. Myers received his Ph.D. in Economics from the Ohio State University and has taught at the University of Akron for the last 31 years. Myers has served as Department Head, Chair of the University of Akron's World Wide Web committee, as Associate Vice President and CIO to Provost Noel Leathers and as Assistant to the CIO for Distance Education Support Services. In 2001 and 2002 he was a charter member of the Symposium on the Scholarship of Teaching, Assessment and Learning under Associate Provost Tom Angelo at The University of Akron. He has been awarded the chairs award in Teaching Excellence in the Buchtel College of Arts and Sciences. He has specialized in classroom technology and classroom design and offered web-enhanced courses since 1994 and web-based courses since 2001. His teaching fields are general economics, labor economics, statistics and econometrics. His research interest is in economic education and the evaluation of classroom technology and classroom interventions. He is particularly interested in digital ink technologies. He has directed students to create electronic portfolios and is studying ways to assess their progress towards achieving economic proficiency. With colleagues in the Department of Economics he has studied and written on programmatic assessment.

## **Education:**

Ph.D., Economics, The Ohio State University, 1980, M.A., Economics, The Ohio State University, 1976; M.A., Economics, West Virginia University, 1974; B.S.Ec., Economics, West Virginia University, 1973

## **Professional Associations:**

American Economic Association, Midwest Economic Association, Western Economics Association, GATE – The Global Association of Teachers of Economics

## **Faculty Development Activities (selective):**

“Scholarship of Teaching, Learning and Assessment Symposium” (charter member) held with Dr. Tom Angelo in Fall 2001-2002, Workshops in Using Readings to Foster Deep Thinking (Chicago, March 2002), Assessment in Economics (Chicago, 2002), Values as a Stimulus for Thinking Critically About Economics (Bowling Green, Spring 2002), Experimental Economics (Oberlin, Fall 2002), Lilly Conference on Excellence in Teaching (Miami, Nov. 2002), Can We Teach Students to Think Like Economists? (Bowling Green, April 2003), Using Literature to Teach Economics (Bowling Green, March 2004), Teaching and Learning with Technology (Purdue) (April 2004, February 2005).

Applicant for Carnegie Scholars Program, 2005-2006, Carnegie Academy for the Scholarship of Teaching and Learning. “Integrative Learning by Economics Students Using Electronic Portfolios,” November 2004 (not accepted)

## **Employment:**

Graduate Faculty of The University of Akron since 1979, Interim Associate Vice President and Chief Information Officer Nov. 1996 – September 1999, Interim Associate Vice President for Instructional Technology and Distance Education, September 1999-2000, Assistant to the VP/CIO for Distance Education Support Services, 2000-July 2001, Associate Professor of Economics since 1984. Acting Head, Department of Economics, Nov. 1992 to Aug. 1994. Chair of Provost's World Wide Web Committee 1995-96. Chair of College Multimedia in Instruction committee, 1993-94.

Graduate Research Associate, The National Longitudinal Surveys, Center for Human Resource Research, The Ohio State University, 1974 to 1979.

**Gifts and Grants received:**

“The University of Akron Tablet PC Initiative – additional funding” The Department of Economics, Steven C. Myers, Principal Investigator, Michael Nelson, Chair, funded by Information Technologies (via Holly Mothis), Amount granted, approximately \$12,400, January 2007.

“The University of Akron Tablet PC Initiative” The Department of Economics, Steven C. Myers, Principal Investigator, Michael Nelson, Chair, Amount requested: \$24,500, April 21, 2006

SMART technologies, gift of a SMART Symposium, \$3,900, March 2004.

“Regional Workshop on Teaching Economics At The University of Akron,” Funded Grant Proposal February 2003. Committee on Economic Education, American Economics Association. Funds from the Calvin K. Kazanjian Economics Foundation, Inc. \$2,400 awarded.

"Teaching Economics on the Web: A Study of Student Success," Funded Grant Proposal, May 17, 2002. Carnegie Teaching Academy Scholarship of Teaching, Assessment and Learning Funds, Institute for Teaching and Learning, The University of Akron. \$5,000 awarded.

NSF High Performance Connections Grant (approx \$400,000)

Ohio Action fund equipment grant (approx. \$240,000)

Legislative appropriations for distance education (\$7.5 million)

Fiber donation for main campus internet connectivity

Unrestricted gift for distance learning (\$200,000 from the local electric company)

**Contracts negotiated:**

Fiber Network Agreement putting into place the Virtual Branch campus with 9 school districts.

Exclusive right to teacher professional development in Medina County

Physical location for virtual campus in Medina City

PeopleSoft Enterprise agreement.

Microsoft State-wide purchasing agreement (minor role)

Time-Warner network peering and discount for service

**Selected Proposals Written:**

“The University of Akron Tablet PC Initiative: A Joint Stoller Funds Proposal,” from the Department of Economics and The Department of Statistics with the support of the School of Communications, Audio Visual Services and Design and Development Services {Michael Nelson, Chair, Department of Economics; Chand Midha, Chair, Department of Statistics; Dudley Turner, Director, School of Communications; Jeanette Carson, Audio Visual Services; Dwight Bishop, Design and Development Services; and Steven C. Myers, Economics, Principal Investigator). Amount requested: \$24,600, June 23, 2004 (resubmitted in 2005).

**Web sites written and maintained:**

Personal home page <http://gozips.uakron.edu/~myers/>. Pages include student electronic portfolios, My Online Course page and My Scholarship in Teaching, Assessment and Learning page.

Department of Economics Student Undergraduate Portfolios <http://gozips.uakron.edu/%7EEmyers/E226/>

Midwest Conference on Student Learning in Economics: Innovation, Assessment and Classroom Research <http://www3.uakron.edu/econ/MidwestConference>

Teaching and Learning Economics with Technology blog <http://learnecon.blogspot.com/>

Teaching Conference and Workshops Listings [http://www3.uakron.edu/econ/Teaching\\_Conferences/](http://www3.uakron.edu/econ/Teaching_Conferences/) (this is currently inactive)

UADig - University of Akron Digital Ink Group, begun in cooperation with UA Institute of Teaching and Learning, Started April 2008.

Boy Scout Troop One Home Page <http://trooponeakron.org/>

### **Selected Presentations:**

*[some presentations, not listed, are to vendors, manufacturers, private companies, public agencies including political supporters and other educational institutions.]*

"What do 'We' think about the economy?" Presented to the Men's Club of Annunciation Greek Orthodox Church, October 27, 2009.

"Digital Ink in and out of the Classroom" workshop presented at Mount Vernon Nazarene University, March 10, 2009.

"An Online Course Design: Introduction to Economic Analysis," Presentation to the Political Science Department, October 14, 2008

"E-portfolios and Student Research in the Assessment of a Proficiency-based Major" presented at "Documenting Student Success within the Ohio College Portrait" (with Michael Nelson and Richard Stratton) sponsored by Planning Committee on Higher Learning Accountability and Productivity of the Ohio Board of Regents. The Ohio State University, Columbus, June 19, 2008.

"The Tablet PC in the Classroom -- Advanced," 7th Annual Celebration of Excellence in Learning and Teaching (CELT), April 8, 2008.

"The Tablet PC in the Classroom -- Introduction," 7th Annual Celebration of Excellence in Learning and Teaching (CELT), April 7, 2008.

"Problem Based Learning in an Applied Econometric Curriculum," Poster Session on Teaching Ideas and Projects sponsored by the Committee of Economic Education, American Economic Association, ASSA meetings, New Orleans, Jan. 5, 2008.

"Weathering the Perfect Storm or Thriving in a New Environment: Assessing a Proficiency-Based Economics Major" (with Michael Nelson and Richard Stratton) to be presented to the Research on Undergraduate Courses and Majors session sponsored by the Committee on Economic Education, American Economic Association, ASSA meetings, New Orleans, Jan. 4, 2008.

"Problem Based Learning in an Applied Econometrics Curriculum," presented in session on Active Learning Strategies in Economics, International Atlantic Economic Society Annual Meetings, Savannah, October 9, 2007.

"Problem Based Learning in Econometrics with Supporting Technology," Invited Presentation, DyKnow User Group Meeting, DePauw University, June 14, 2007

"Learning Econometrics in a Problem Based Learning Curriculum with the Tablet PC: An experiment in 1:1 computing." Poster Presentation, Workshop on the Impact of Pen-based Technology on Education, Purdue University, June 11-12, 2007

“Why the UA Faculty Should Get Tablet PCs” a paper written and submitted internally to the laptop refresh committee via Herb Matheny. A copy also appears online at <http://learnecon.blogspot.com>.

“Podcasting of Introductory Psychology Lectures and Academic Performance,” Presented to CELT, April 3, 2007. (with Phil Allen, Joelle Elicker, Neil Sapeza, Litsa Veronis, Frank Bove, and William Donovan)

“Why Your Next Laptop Needs a Pen: Using Mobile Learning Technology to Improve Teaching and Learning,” A CELT Interactive Workshop, April 2 and 3, 2007.

“Looking beyond the Whiz-bang Technology: Using Mobile Learning Technology Tools to Improve Economic Instruction” Presentation to American Economics Association, Allied Social Science Association meetings, Chicago, January 7, 2007 (with Dan Talley).

“What I can do with a pen that I can not do with a mouse” Presentation to the Celebration of Excellence in Learning and Teaching, The University of Akron, April 14, 2006

“Assessing A Proficiency Based Economics Major” Presentation to the Celebration of Excellence in Learning and Teaching, The University of Akron, April 14, 2006 (with Michael Nelson and Richard Stratton).

“Technology Supporting Teaching, Learning, and Research at The University of Akron: A Faculty and Student Survey,” Presentation to the Celebration of Excellence in Learning and Teaching, The University of Akron, April 14, 2006 (with *Neil Sapienza, Philip Allen, Frank Bove, William Donovan, and Evangeline Varonis*).

“Assessing A Proficiency Based Economics Major” Presented to the Midwest Economic Association Annual Meeting March 24-26, 2006 (with Michael Nelson and Richard Stratton).

“Electronic Grading Using Digital Ink Technology” keynote address, multi-college workshop on Encouraging Writing in Quantitatively Demanding Disciplines, Bryn Mawr College, May 9, 2005.

“Digital Ink and the Teaching of Economics and Statistics” presented to the Robert Morris Conference on Teaching Economics: Instruction and Classroom Based Research, Moon Valley PA, February 18, 2005.

“Electronic Portfolios and the Authentic Assessment of Economic Majors” presented to the Robert Morris Conference on Teaching Economics: Instruction and Classroom Based Research, Moon Valley PA, February 18, 2005.

“Electronic Portfolios and Assessment of Economic Majors” presented to Southern Economics Association Annual Meetings, November 21, 2004.

“Midwest Conference on Student Learning in Economics: Innovation, Assessment and Classroom Research” Teaching Economics Workshops: A Panel Discussion, Southern Economics Association Annual Meetings, November 21, 2004.

“Digital Pen Technologies in Lecture Presentations: live demonstrations of the Tablet PC and SMART Symposium,” Technology Showcase, Midwest Conference on Student Learning in Economics, Akron, OH, November 5, 2004.

“Student Created Electronic Portfolios For Formative And Summative Assessment,” Presented to Assessment Team, College of Business, University of Central Florida, October 15, 2004.

“Student Created Electronic Portfolios For Formative And Summative Assessment,” Western Economics Association, Vancouver, BC July 2, 2004.

"Scaffolding Computer Skills and Creating Electronic Portfolios for the Assessment of Economic Students," Midwest Economics Association Annual Meeting, Chicago, Friday, March 19, 2004 10:00 a.m.-11:30 a.m.

"Virtual Office Hours: Tutoring Distance Students in Mathematics, Statistics and Economics" presentation to the Ohio Commons for Digital Education 2004 Conference. March 8-9, 2004.

"Scaffolding Computer Skills and Creating Electronic Portfolios for the Assessment of Economic Students," Teaching Economics: Instruction and Classroom Based Research, 15th Annual Conference, Robert Morris University, February 12-14, 2004

"Do On-Line Students in a Mastery Based Principles Course Analyze, Synthesize and Evaluate Better Than Face-To-Face Students? Presentation to NAEE/CSEE sessions, ASSA meetings, San Diego, January 5, 2004

"Six Uses of Technology to Improve Teaching and Learning," Poster Session AEA Committee on Economic Education, ASSA meetings, San Diego, January 4, 2004

"Do math tutorial programs and electronic experiments enhance student success in economics?" in the invited session "Evaluation of New Teaching Methods," Western Economic Association, Saturday, July 12, 2003.

"Teaching Economics on the Web--A Study of Student Success." Midwest Economics Association, St. Louis, Friday March 28, 2003.

"Do On-Line Students Analyze, Synthesize and Evaluate Better Than Face-To-Face Students? Windows on the Future 2003, Ohio Learning Network, Columbus March 3-4, 2003.

"Teaching Economics on the Web--A Study of Student Success." Poster Session--Teaching Techniques That Promote Active Learning, Active Learning Strategies for the College and University Economics Classroom, American Economic Association, Allied Social Science Association, Sunday January 4, 2003.

"Mastery Learning and Online Success in Economics," Presentation to Teaching Online in Higher Education Conference, November 14, 2002

"Instructional Design and The Online Student: Do On-Line Students Learn More Than Face-To-Face Students? Some Suggestive Evidence" Paper written for Syllabus Fall 2002, Boston MA, November 5, 2002

EDUCAUSE 2002, Atlanta. Demonstrations of the SMART Symposium, October 2002. Presentations included "Probability Lessons Online," "Enhancing PowerPoint by Using Smart Notebook on a Symposium," "SMART Symposium: Interactive Lectern Integration Module," and "Presentation on Rear Projection SMART Boards." All are available on my website.

"Student Success in a Competency Based Online Course," presented at the Western Economic Association International meetings, July 2, 2002.

"Student Success in a Competency Based Online Course," Presentation and Poster Session , University of Akron, Celebrating Excellence in Teaching & Learning, Institute for Teaching and Learning, April 19, 2002

*"Interconnecting Networks: Commercial and Residential Applications," Frost and Sullivan The Third Annual Next Generation Internet Conference, San Francisco, February 16, 2000.*

"e-Commerce: Purchasing and the Internet," speech to the Ohio chapter of National Association of Educational Buyers conference, Cincinnati, Oct. 21, 1999.

“Presidential Address,” Next Generation Internet Forum, Telecon 99, Anaheim, November 4, 1999.

“The University of Akron: Telecon Update,” Telecon 99, Anaheim, November 4, 1999.

“Internet2 and Distance Education: Research and Collaboration at the University of Akron,” First presented as part of a panel with Doug VanHowelling (UCAID) at Telecon XVIII, Anaheim, October 28, 1998. Also presented to the US Army Reserve Distance Learning Futures Group, Akron, January 22, 1999. Repeated at Telecon East, Washington, March 19, 1999 in revised form.

“Internet2 and the Virtual Branch Campus at the University of Akron,” Telecon XVIII, October 27, 1998.

“Building a Virtual Branch Campus of The University of Akron,” Keynote Address, ETTCon 98, Dallas, May 11, 1998.

“Building a Virtual Branch Campus to Serve Medina County,” presented to the Medina County Superintendents, May 11, 1998.

“Keeping Pace With Expectations,” Opening Keynote Address, Ohio Association of Registrars and Admissions Officers, November 12, 1997.

“Teaching Economics Using Remote Media Retrieval,” Electronic Classroom Conference, 1995: Planning for Higher Education in the 21<sup>st</sup> Century, March 23, 1995.

“Faculty Behavior, Grades, and Student Evaluations,” (with R. Stratton and R. King) invited paper by the National Council on Economic Education, A.S.S.A. meetings, Jan. 1994.

“Self-Interest, Grades, and Student Evaluations,” (with R. Stratton and R. King) presented to the Midwest Economic Association Annual Meetings, St. Louis, April 4, 1991.

“Qualitative Survey Responses and Rational Expectations of Consumers in the Financial and Real Markets,” (with L. Lin) presented to the Midwest Economic Association Annual Meetings, St. Louis, April 4, 1991.

“Testing the Rationality of Consumers' Unemployment Expectations Using a Modified Carlson-Parkin Mean,” (with Lung-ho Lin) presented to the 29th International Atlantic Economic Conference, Williamsburg, October 14, 1990. Abstracted in Atlantic Economic Journal, XIX, 1, p. 53, March 1991.

“How Useful is the Stock Market Price as a Leading Indicator of the Economy?,” (with L. Lin) presented to the 28th International Atlantic Economic Conference, Montreal, Canada, October 8, 1989. Abstracted in Atlantic Economic Journal, XVIII, 1, p. 60, March 1990.

## Selected Publications:

"Assessment of the Undergraduate Economics Major: A National Survey" Journal of Economic Education, v. 42, No. 2, April-June 2011, pp. 195-199.

"Assessing an Economics Program: Hansen Proficiencies, EPortfolio, and Student Research" International Review of Economics Education. 8 (1), June 2009. (with Michael Nelson and Richard Stratton)  
(<http://www.economicsnetwork.ac.uk/iree/v8n1/>).

"Assessment of the Undergraduate Economics Major: A National Survey" Economics Educator: Courses, Cases & Teaching Abstracts, v. 7, No. 13, May 2009. (with Michael Nelson and Richard Stratton). Available at SSRN: <http://ssrn.com/abstract=1394240>.

E-portfolios and Student Research in the Assessment of a Proficiency-based Major (with Michael Nelson and Richard Stratton) in Designing Effective Assessment: Principles and Profiles of Good Practice by Trudy W. Banta, Karen E. Black, Elizabeth A. Jones (ISBN: 978-0-470-39334-5) Paperback. 352 pages. July 2009.

Myers, Steven C., Nelson, Michael A. and Stratton, Richard W., "Weathering the Perfect Storm or Thriving in a New Environment: Assessing a Proficiency Based Economics Major" in ERN Educator: Courses, Cases and Teaching Abstracts, 4) 28, December 18, 2006. Available at SSRN: <http://ssrn.com/abstract=946032>

"Teaching and Learning Economics with Technology," blog site, founded November 13, 2004  
<http://learnecon.blogspot.com>

"Digital Pen Technology in Electronic Technologies" Good Practice Showcase, The Economics Centre of the Learning and Teaching Support Network (LTSN), University of Bristol, UK, January 2004. [online at [http://www.economics.ltsn.ac.uk/showcase/myers\\_presentations.htm](http://www.economics.ltsn.ac.uk/showcase/myers_presentations.htm) ]

"Do On-Line Students Analyze, Synthesize and Evaluate Better Than Face-To-Face Students? Windows on the Future 2003, Ohio Learning Network, Columbus March 3-4, 2003. [online proceedings at <http://www.olin.org/conferences/OLN2003papers.php> ]

"Instructional Design and The Online Student: Do On-Line Students Learn More Than Face-To-Face Students? Some Suggestive Evidence" Syllabus Fall 2002, Boston MA, November 5, 2002 [online proceedings at [http://www.syllabus.com/fall2002/proceedings2.asp?proceeding\\_code=272](http://www.syllabus.com/fall2002/proceedings2.asp?proceeding_code=272) ]

"Mastery Learning and Online Success in Economics," Presentation to Teaching Online in Higher Education Conference, November 14, 2002. [online on the website <http://www.ipfw.edu/as/2002tohe/master.htm> ]

"An Asynchronous Way to Study" Teleconference, 17(10), November 1998, pp. 30-33. [note: original title was changed to this by the editor. The article deals with both asynchronous and synchronous issues]

"Faculty Behavior, Grades, and Student Evaluations" Journal of Economic Education, 25 (1) Winter 1994:5-16 (with R. Stratton and R. King). [online on the website [http://www.indiana.edu/~econed/issues/v25\\_1/1.htm](http://www.indiana.edu/~econed/issues/v25_1/1.htm) ]

"The Demand for Abortion by Unmarried Teenagers: Economic Factors, Age, Ethnicity and Religiosity Matter," American Journal of Economics and Sociology 51 (April 1992):223-35 (with R. King and D. Byrne).

"The Short Term Labor Market Consequences of Teenage Pregnancy," Applied Economics 23 (12) December 1991:1819-1827 (with D. Byrne and R. King).

"Evaluating the Effectiveness of a Court Sponsored Abuser Treatment Program," Journal of Family Violence 4 (4) (1990):309-322. (with H. Chen, C. Bersani, and R. Denton)

"Forecasting the Economy Using the Composite Leading Index, Its Components, and a Rational Expectations Alternative," in SAS Users Group International Conference Proceedings, SAS Institute Inc. (Cary) 1988, pp. 181-186. (with L. Lin)

**Service Contribution:**

Venturing Leader Specific Trainer, Old Portage District, Great Trail Council, BSA, 2010-2011.

Member of BSA Speakers Bank, Great Trail Council, BSA, 2010-2011.

Speaker to Annunciation Greek Orthodox Men's Club, Akron, OH, on the Economy October 2009

Speaker to Department of Political Science, on Online Learning, October 2008.

Member, Mobile PC Advisory Council, Microsoft, since March 2006 (MS ended this in 2007).

Program Committee, Workshop on the Impact of Pen-based Technology on Education, Purdue, June 2007 (serving as paper reviewer).

Program Committee, Workshop on the Impact of Pen-based Technology on Education, Purdue, April 2006 (serving as paper reviewer).

Founder and Organizer. Midwest Conference on Student Learning in Economics: Innovation, Assessment and Classroom Research, since January 2003. First conference held Nov 7, 2003, Second conference held November 4-5, 2004, Third Conference held October 28, 2005.

Akron Public Schools. Information Technology Advisory committee, School Year 2003-2004, 2004-2005, and 2005-2006.

Akron Public Schools. DECA Advisory Committee, Firestone High School, School Year, 2005-2006.

Guest Speaker. Smart Ed Tech Expo, Arlington, VA, May 29, 2003.

Marketing Committee. Great Trail Council, BSA, 2000-2004.

Leadership Trainer, University of Scouting, Feb. 2003-2010

Leadership Trainer, Woodbadge for the Twenty First Century, Central Region, BSA, August-Sept., 2005.

Institute of Teaching and Learning, Teaching and Technology Research Committee, Fall 2005-Spring 2006

College of Arts and Sciences, RTP Review Committee, Fall 2004.

**Reviewer and Consultant:**

O'Donnell and Associates, LLC. For John Wiley & Sons on a future economics learning and teaching product.

Addison-Wesley



**Referee:**

Southern Economics Journal

Journal of Economic Education

International Review of Economics Education

Program Committee / reviewer, First Annual Workshop on the Impact of Pen-based Technology on Education, Purdue University, April 6-7, 2006

**Summary of my years as Associate Vice President of Information Services (Chief Information Officer, UA)****Administrative Responsibilities 1996 - 2000 (internal):**

Oversight of approximately 200 people and nearly \$20 million dollars in expenditure

Oversight of Distance Learning , Computer Center, Telecommunications, University Libraries including all Media Services and the World Wide Web

President's Strategic Planning Group (before that President's Cabinet)

Council of Deans

Administrative Programming Oversight committee

Distance Learning Steering Committee

Web Policy Committee

**Administrative Responsibilities 1996 - 2000 (external):**

Board of Directors, Next Generation Internet Forum, 1999-2001

Governing Board, Ohio Supercomputer Center, vice President Proenza

Governing Board, OhioLINK, vice Provost Leathers

Interuniversity Council CIO committee (15 institutions)

Ohio Learning Network, Video Infrastructure Committee

Fiber Network Advisory Committee, Virtual Branch Campus, Medina Fiber Optics Network

MPEG2 manufacturers standards forum

**Selected Accomplishments 1996 - 2000:**

Developed a plan and outline for the National Guard/University of Akron Partnership which is bringing two multimedia distance learning rooms and the nationwide Guardnet XXI network to the campus of the University of Akron. The partnership has far reaching consequences including the possibility of leading a consortium of colleges in the state in joint programming for the Guard and assisting the University in expanding its enrollment by offering nationally programs such as the Emergency Management BS program.

Helped create and form the plan for the University of Akron's Technology Advancement Council, to be led by the Chairman of FVC.COM. The council is seen as critical to the advancement of the University by being both a development arm as well as a source of critical advice.

Supported the Interactive MPEG-2 Forum since its inception in 1999. The IM2F is made up of every manufacture of MPEG-2 video hardware and has agreed to adopt a common set of standards to assure interoperability between different brands of video equipment. Standards document is nearing completion and testing is set to be showcased at Telecon 2000.

Led and wrote policy for Acceptable Use of University Information Resources and the University's WWW Information Publishing Policy.

Caused the formation of an Academic technology center, called the New Media Center to be a central support for faculty in the use of instructional technology.

Found a project to create 50 Technology Enhanced Classrooms connected by a fiber backbone to a media distribution headend.

Helped in the creation of the Virtual Branch Campus Project extending distance education synchronously to 12 locations in a private network, and the expansion of it through other broadband networks.

External relations for the University with County and City superintendents of schools, business leaders and politicians. Led trips to Washington to visit with congressional representatives and other governmental officials.

Caused to be written: Guidelines for Distance Learning Education at The University of Akron.

Held three annual competitions for faculty to acquire multimedia laptops putting 30 laptops in faculty hands over the last 3 years and supporting them with multimedia producers in the New Media Center.

Oversaw evaluation, negotiation, purchase and install of an enterprise wide information system and Y2K repair/replace strategy.

Selected first and second University Webmasters and led the development of The University of Akron's top level web pages.

Formed Office of Distance Education, hiring of a coordinator, creation of policy for approving distance learning courses, creation of distance learning guidelines, creation of distance learning steering committee, formation of distance learning coordinating committee.